

| | Hits | Search Text | DBs | Time Stamp |
|----|-------|--|-------|------------------|
| 1 | 70881 | (dry or drying or drier or dryer or dried) and (inert or non-condensable or n2 or nitrogen or argon) and (vacuum or suction or evacuat\$) and (chamber or container or vessel or enclosure) and @pd<20021125 | USPAT | 2004/07/12 09:11 |
| 2 | 62774 | (dry or drying or drier or dryer or dried) and (inert or non-condensable or n2 or nitrogen or argon) and (vacuum or suction or evacuat\$) and (chamber or container or vessel or enclosure) and (heat or heated or heating) and @pd<20021125 | USPAT | 2004/07/12 08:33 |
| 3 | 17479 | (dry or drying or drier or dryer or dried) and (inert or non-condensable or n2 or nitrogen or argon) and (vacuum or suction or evacuat\$) and (chamber or container or vessel or enclosure) and (heat or heated or heating) and @pd<20021125 and (fluid or liquid) and (vapor or vaporize or mist) | USPAT | 2004/07/12 08:41 |
| 4 | 774 | 3 and 438/\$.ccls. | USPAT | 2004/07/12 08:41 |
| 5 | 431 | 3 and 62/\$.ccls. | USPAT | 2004/07/12 08:41 |
| 6 | 0 | 4 and 5 and 6 | USPAT | 2004/07/12 08:41 |
| 7 | 1 | 4 and 5 | USPAT | 2004/07/12 08:41 |
| 8 | 431 | 6 and 6 | USPAT | 2004/07/12 08:42 |
| 9 | 0 | 5 and 6 | USPAT | 2004/07/12 08:42 |
| 10 | 26 | 4 and (5 or 6) | USPAT | 2004/07/12 08:42 |
| 11 | 297 | 3 and 34/\$.ccls. | USPAT | 2004/07/12 09:03 |
| 12 | 21 | gray.in. and vacuum and dryer | USPAT | 2004/07/12 09:05 |
| 13 | 297 | 3 and 34/\$.ccls. | USPAT | 2004/07/12 09:05 |

| | Hits | Search Text | DBs | Time Stamp |
|----|------|--|-----------------------------|---------------------|
| 14 | 821 | (dry or drying or drier or dryer or dried) and (inert or non-condensable or n2 or nitrogen or argon) and (vacuum or suction or evacuat\$) and (chamber or container or vessel or enclosure) and @pd<20021125 | EPO; JPO; DERWEN T | 2004/07/12 09:13 |
| 15 | 336 | (dry or drying or drier or dryer or dried) and (inert or non-condensable or n2 or nitrogen or argon) and (vacuum or suction or evacuat\$) and (chamber or container or vessel or enclosure) and @pd<20021125 and heat\$ | EPO; JPO; DERWEN T | 2004/07/12 09:14 |
| 16 | 3 | (dry or drying or drier or dryer or dried) and (inert or non-condensable or n2 or nitrogen or argon) and (vacuum or suction or evacuat\$) and (chamber or container or vessel or enclosure) and @pd<20021125 and heat\$ and (fluid or liquid) and (vapor or vaporize or mist) | EPO; JPO; DERWEN T | 2004/07/12 09:16 |
| 17 | 3 | (dry or drying or drier or dryer or dried) and (inert or non-condensable or n2 or nitrogen or argon) and (vacuum or suction or evacuat\$ or sucking) and (chamber or container or vessel or enclosure) and @pd<20021125 and heat\$ and (fluid or liquid) and (vapor or vaporize or mist) | EPO; JPO; DERWEN T | 2004/07/12 09:17 |

| | Hits | Search Text | DBs | Time Stamp |
|----|------|---|-----------------------------|---------------------|
| 18 | 0 | (drier or dryer) and (inert or non-condensable or n2 or nitrogen or argon) and (vacuum or suction or evacuat\$ or sucking) and (chamber or container or vessel or enclosure) and @pd<20021125 and heat\$ and (spray or sprarying) and (vapor or vaporize or mist) | EPO; JPO; DERWEN T | 2004/07/12 09:18 |
| 19 | 1 | (drier or dryer) and (vacuum or suction or evacuat\$ or sucking) and (chamber or container or vessel or enclosure) and @pd<20021125 and heat\$ and (spray or sprarying) and (vapor or vaporize or mist) | EPO; JPO; DERWEN T | 2004/07/12 09:19 |
| 20 | 1 | (drier or dryer) and (vacuum or suction or evacuat\$ or sucking) and (chamber or container or vessel or enclosure) and @pd<20021125 and heat\$ and spray and (vapor or mist\$) | EPO; JPO; DERWEN T | 2004/07/12 09:20 |
| 21 | 0 | ((drier or dryer) adj (vacuum or suction or evacuat\$ or sucking)) and (chamber or container or vessel or enclosure) and @pd<20021125 and heat\$ and spray and (vapor or mist\$) | EPO; JPO; DERWEN T | 2004/07/12 09:21 |
| 22 | 0 | ((drier or dryer) adj3 (vacuum or suction or evacuat\$ or sucking)) and (chamber or container or vessel or enclosure) and @pd<20021125 and heat\$ and spray and (vapor or mist\$) | EPO; JPO; DERWEN T | 2004/07/12 09:21 |
| 23 | 0 | ((drier or dryer or dry or drying or dried) adj3 (vacuum or suction or evacuat\$ or sucking)) and (chamber or container or vessel or enclosure) and @pd<20021125 and heat\$ and spray and (vapor or mist\$) | EPO; JPO; DERWEN T | 2004/07/12 09:21 |

| | Hits | Search Text | DBs | Time Stamp |
|----|------|--|-----------------------------|---------------------|
| 24 | 0 | (vacuum adj5 (dryer or drier or drying)) and @pd<20021125 and heat\$ and spray and (vapor or mist\$) | EPO; JPO; DERWEN T | 2004/07/12 09:22 |
| 25 | 4 | (vacuum and (dryer or drier or drying)) and @pd<20021125 and heat and spray and (vapor or mist\$) | EPO; JPO; DERWEN T | 2004/07/12 09:22 |

Refine Search

Search Results -

| Terms | Documents |
|-------------------|-----------|
| 34/\$.cls. and L3 | 321 |

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L4

Search History

DATE: Monday, July 12, 2004 [Printable Copy](#) [Create Case](#)

| <u>Set</u> <u>Name</u> <u>Query</u> side by side | <u>Hit</u> <u>Count</u> | <u>Set</u> <u>Name</u> result set |
|--|----------------------------|--|
| <i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i> | | |
| L4 34/\$.cls. and L3 (dry or drying or drier or dryer or dried) and (inert or non-condensable or n2 or nitrogen or argon) and (vacuum or suction or evacuat\$) and (chamber or container or vessel or enclosure) and (@pd<20021125) and heat and (fluid or liquid) and (vapor or vaporize or mist) | 321 | <u>L4</u> |
| L3 (dry or drying or drier or dryer or dried) and (inert or non-condensable or n2 or nitrogen or argon) and (vacuum or suction or evacuat\$) and (chamber or container or vessel or enclosure) and (@pd<20021125) and heat\$ and (fluid or liquid) and (vapor or vaporize or mist) | 17722 | <u>L3</u> |
| L2 (dry or drying or drier or dryer or dried) and (inert or non-condensable or n2 or nitrogen or argon) and (vacuum or suction or evacuat\$) and (chamber or container or vessel or enclosure) and (@pd<20021125) and heat\$ and (fluid or liquid) and (vapor or vaporize or mist) | 22824 | <u>L2</u> |
| L1 (dry or drying or drier or dryer or dried) and (inert or non-condensable or n2 or nitrogen or argon) and (vacuum or suction or evacuat\$) and (chamber or container or vessel or enclosure) and (@pd<20021125) | 85785 | <u>L1</u> |

END OF SEARCH HISTORY

Welcome to DIALOG

Dialog level 04.09.00D

Logon file001 12jul04 08:24:36

SYSTEM:OS - DIALOG OneSearch

File 9:Business & Industry(R) Jul/1994-2004/May 25

(c) 2004 The Gale Group

File 610:Business Wire 1999-2004/May 26

(c) 2004 Business Wire.

*File 610: File 610 now contains data from 3/99 forward.

Archive data (1986-2/99) is available in File 810.

File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire

File 275:Gale Group Computer DB(TM) 1983-2004/May 26

(c) 2004 The Gale Group

File 15:ABI/Inform(R) 1971-2004/May 25

(c) 2004 ProQuest Info&Learning

*File 15: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.

File 476:Financial Times Fulltext 1982-2004/May 26

(c) 2004 Financial Times Ltd

File 624:McGraw-Hill Publications 1985-2004/May 25

(c) 2004 McGraw-Hill Co. Inc

*File 624: Homeland Security & Defense and 9 Platt energy journals added

Please see HELP NEWS624 for more

File 636:Gale Group Newsletter DB(TM) 1987-2004/May 26

(c) 2004 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2004/May 25

(c) 2004 The Gale Group

File 613:PR Newswire 1999-2004/May 26

(c) 2004 PR Newswire Association Inc

*File 613: File 613 now contains data from 5/99 forward.

Archive data (1987-4/99) is available in File 813.

File 813:PR Newswire 1987-1999/Apr 30

(c) 1999 PR Newswire Association Inc

File 16:Gale Group PROMT(R) 1990-2004/May 26

(c) 2004 The Gale Group

*File 16: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.

File 160:Gale Group PROMT(R) 1972-1989

(c) 1999 The Gale Group

File 634:San Jose Mercury Jun 1985-2004/May 25

(c) 2004 San Jose Mercury News

File 148:Gale Group Trade & Industry DB 1976-2004/May 26

(c)2004 The Gale Group

*File 148: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.

File 20:Dialog Global Reporter 1997-2004/May 26
(c) 2004 The Dialog Corp.

File 35:Dissertation Abs Online 1861-2004/Apr
(c) 2004 ProQuest Info&Learning

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group

*File 583: This file is no longer updating as of 12-13-2002.

File 65:Inside Conferences 1993-2004/May W4
(c) 2004 BLDSC all rts. reserv.

File 2:INSPEC 1969-2004/May W3
(c) 2004 Institution of Electrical Engineers

*File 2: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
(c) 2003 EBSCO Pub.

File 474:New York Times Abs 1969-2004/May 25
(c) 2004 The New York Times

File 475:Wall Street Journal Abs 1973-2004/May 25
(c) 2004 The New York Times

File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Apr
(c) 2004 The HW Wilson Co.

File 256:SoftBase:Reviews,Companies&Prods. 82-2004/Apr
(c)2004 Info.Sources Inc

File 348:EUROPEAN PATENTS 1978-2004/May W03
(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040520,UT=20040513
(c) 2004 WIPO/Univentio

File 347:JAPIO Nov 1976-2004/Jan(Updated 040506)
(c) 2004 JPO & JAPIO

*File 347: JAPIO data problems with year 2000 records are now fixed. Alerts have been run. See HELP NEWS 347 for details.

File 635:Business Dateline(R) 1985-2004/May 25
(c) 2004 ProQuest Info&Learning

File 387:The Denver Post 1994-2004/May 25
(c) 2004 Denver Post

File 471:New York Times Fulltext 90-Day 2004/May 26
(c) 2004 The New York Times

File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06
(c) 2002 Phoenix Newspapers

*File 492: Not updating. See instead File 990 for current articles from the Arizona Republic.

File 494:St LouisPost-Dispatch 1988-2004/May 24
(c) 2004 St Louis Post-Dispatch

File 498:Detroit Free Press 1987-2004/Apr 27
(c) 2004 Detroit Free Press Inc.

File 631:Boston Globe 1980-2004/May 25

(c) 2004 Boston Globe
 File 633:Phil.Inquirer 1983-2004/May 24
 (c) 2004 Philadelphia Newspapers Inc
 File 638:Newsday/New York Newsday 1987-2004/May 26
 (c) 2004 Newsday Inc.
 File 640:San Francisco Chronicle 1988-2004/May 26
 (c) 2004 Chronicle Publ. Co.
 File 641:Rocky Mountain News Jun 1989-2004/May 20
 (c) 2004 Scripps Howard News
 File 702:Miami Herald 1983-2004/May 20
 (c) 2004 The Miami Herald Publishing Co.
 File 703:USA Today 1989-2004/May 25
 (c) 2004 USA Today
 File 704:(Portland)The Oregonian 1989-2004/May 25
 (c) 2004 The Oregonian
 File 713:Atlanta J/Const. 1989-2004/May 23
 (c) 2004 Atlanta Newspapers
 File 714:(Baltimore) The Sun 1990-2004/May 25
 (c) 2004 Baltimore Sun
 File 715:Christian Sci.Mon. 1989-2004/May 26
 (c) 2004 Christian Science Monitor
 File 725:(Cleveland)Plain Dealer Aug 1991-2004/May 24
 (c) 2004 The Plain Dealer
 File 735:St. Petersburg Times 1989- 2004/May 25
 (c) 2004 St. Petersburg Times
 File 477:Irish Times 1999-2004/May 26
 (c) 2004 Irish Times
 File 710:Times/Sun.Times(London) Jun 1988-2004/May 25
 (c) 2004 Times Newspapers
 File 711:Independent(London) Sep 1988-2004/May 26
 (c) 2004 Newspaper Publ. PLC
 *File 711: Use File 757 for full current day's news of the Independent, as
 as well as full coverage of many additional European news sources.
 File 756:Daily/Sunday Telegraph 2000-2004/May 26
 (c) 2004 Telegraph Group
 File 757:Mirror Publications/Independent Newspapers 2000-2004/May 26
 (c) 2004

| Set | Items | Description |
|-----|--------|--|
| S1 | 0 | VACUUM W3 DRY |
| S2 | 136212 | VACUUM AND (DRY OR DRYING OR DRIER OR DRYER) |
| S3 | 37615 | S2 AND HEAT AND (INERT OR ARGON OR NITROGEN OR NON-CONDENS-ABLE) |
| S4 | 29873 | S3 AND PD<20021125 |
| S5 | 9582 | S4 AND (CHAMBER OR CONTAINER OR VESSEL OR ENCLOSURE) AND (- |

WAFER OR SUBSTRATE OR SEMICONDUCTOR OR CHIP)

| | | |
|-----|------|--------------------------|
| S6 | 9582 | S5 AND HEAT |
| S7 | 0 | S6 AND (DRY W3 CLEANING) |
| S8 | 2312 | S6 AND ETCH? |
| S9 | 1463 | S8 AND VAPOR? |
| S10 | 392 | S9 AND RINS? |
| S11 | 391 | RD (unique items) |